



Stem Council Quarterly Meeting

June 11, 2013

4:00-6:00 PM

Minutes

Meeting was called to order at 4:03 PM by Dr. Teri Q. Gray; Council Co-Chair.

Meeting attendance was as follows: April McCrae, Jud Wagner, George Reissig, Dr. Rita Vasta, John Singer, Terry Angelus, Diana Roscoe, Annie Norman, Dr. Doug Hicks, Sharon Densler, Tonyea Mead, Renee Parsley, Dr. Ross Armbrecht, Secretary John McMahon, Laurel Lichty, Dave Cadogan, Margaret Aitken, Dr. Randolph Guschl, Secretary Jim Sills, Dr. Stephanie Wright, Dr. Teri Quinn Gray

Opening announcements:

Approximately 50 people attended the annual STEM report press release held on May 28, 2013. Some of the following are links to associated buzz reports:

1) WHYY

[http://www.newsworks.org/index.php/component/flexicontent/items/item/55285-stem-continues-to-grow-in-delaware-?_utma=94775514.18898231.1369783596.1369783596.1369783596.1&_utmb=94775514.6.10.1369783596&_utmc=94775514&_utmx=-&_utmz=94775514.1369783601.1.2.utmcsr=google|utmccn=\(organic\)|utmcmd=organic&_utmv=-&_utmk=117182478](http://www.newsworks.org/index.php/component/flexicontent/items/item/55285-stem-continues-to-grow-in-delaware-?_utma=94775514.18898231.1369783596.1369783596.1369783596.1&_utmb=94775514.6.10.1369783596&_utmc=94775514&_utmx=-&_utmz=94775514.1369783601.1.2.utmcsr=google|utmccn=(organic)|utmcmd=organic&_utmv=-&_utmk=117182478)

2) WDEL

<http://www.wdel.com/story.php?id=51267>

3) WDDE

<http://www.wdde.org/44723-stem-council-annual-report>

4) WGMD

http://www.wgmd.com/common/more.php?m=49&post_id=37331

5) Politico

<http://www.politico.com/story/2013/05/science-technology-jobs-curriculum-91907.html>



Also of note: the new website www.delawarestem.org is on the web. The site is still under construction but is open to the public. Kudos to Dave Cadogan and his work with the Website design team in putting this together. Please be prepared to help with further design and population efforts should you get a call from Dave in the near future. The site is not complete and there is much to get done in a short period of time.

—Council is currently working with DDOE to arrange staff support and an operational budget for the upcoming fiscal year effective July 2013. Staff support will include a contractual operational manager and support staff to help with organizational needs as the Council increases its activities and as Laurel Lichty rounds out her Fellowship responsibilities and prepares to move on to other projects.

4:15 STEM Council Bylaws

Laurel Lichty took the lead in preparing Bylaws for the council. She took this time to explain the bylaws, which were made available to all members of the council by email and also by posting to the STEM wiki for approximately 3 months prior to this meeting. After reviewing the bylaws the council was asked for questions or discussion.

Secretary Sills asked that Section 3.3 of the bylaws be reworded slightly to ensure that diversity was addressed not only on the official council but within the working committees as well. A word change was suggested to say “. . . membership of the council and its committees. . . “ There were no objections to this change.

There were no further comments or discussion.

Teri Quinn Gray suggested a motion to approve the Bylaws including the new wording.

Secretary McMahon Moved the Motion forward

Secretary Sills seconded the motion and a vote was called.

The council voted with 100% approval to accept the bylaws, including the amended wording to section 3.3 on June 11, 2013.

4:35 PM 3 Major Initiatives for STEM Council Support

Jud Wagner and Teri Q. Gray discussed the three proposed strategic priorities of the STEM council including:



- Higher Ed/K-12 Grant—(Doug Hicks and Del Tech through NSF and partnerships with local affiliates)
 - STEM Council is a strategic partner (catalyst for existing work, not re-inventing the wheel)
- PK-12 STEM TRI-AD strategy to increase communication between Math, Science and CTE as implementation hubs of STEM Policy through the DDOE
 - Integral to and not separate from our College & Career readiness, Core Curriculum, higher standards, teacher PD, and Early Childhood programs
- Catalyze/Communicate / Connect - website
 - Tap STEM Advocates and target market connection for our 3-fold mission (target market includes students, every Delawarean, W&M)
 - Forum to share our 2012 accomplishments
 - Website to include venues for public to share activities and news from around Delaware in a “real time” fashion. Interactive and mobile programming.

Teri asked the council to voice their opinions about the three strategic priorities and whether there was approval or concern regarding these as the focus for the council moving forward. General consensus was that this was a positive direction.

5:35 PM Next Generation Science Standards

April McCrae shared a brief overview of the development, structure and philosophy of the Next Generation Science Standards (NGSS) currently under review for adoption proposal in the state of Delaware. The hope is that the STEM Council will consider providing a letter of endorsement for the adoption of the NGSS when the it is time for their consideration by the state Board in early Fall of 2013. Though STEM involves not only Science but also technology, engineering and mathematics, these standards represent a strong push forward toward a more integrated and rigorous approach in science education. The standards, which include both science and engineering practices throughout, are aligned with the Common Core Math and ELA standards and promote the use and development of technology for the advancement of human endeavors. Further information will be made available at the next quarterly meeting in September of 2013.

To visit the NGSS website go to www.nextgenscience.org To view the standards, click on “The Next Generation Science Standards” tab in the ribbon at the top of the page. Along with the standards, you can view the associated materials, including the many appendices (A-M) located in the side-bar to the left of the web-page.



6:10 PM Closing

Jud Wagner closed the meeting with a reminder to all committee chairs to provide updates for the website per the annual report. He sent a detailed email prior to the quarterly meeting outlining the details of what is needed. The email is included for reference. Please send updates and information to April McCrae or Laurel Lichty for inclusion on the Website as soon as possible.

Jud also shared that there would be a Website launch event held in the evening on July 31, 2013 in New Castle County. Further information will be available as the event date draws closer.

Official adjournment was called at 6:14 PM

DELAWARE STEM COUNCIL

From: Wagner Judson
To: Johnson Donna R; Densler Sharon; Vasta Rita
Cc: Gray Teri; McCrae April; Lichty Laurel; George Reissig
Subject: Notice to Council Chairs Regarding Website Content

Sent: Mon 6/10/2013 2:54 PM

Hello STEM Council Chairs,

I first want to congratulate you all on another great annual report. The contributions of your committees have been well received and the report is getting a lot of positive attention. Now that we have a website up that will allow updates on a regular basis, it's time to get the information in the report onto the website. The following four components should receive the highest priority since the report said that further information would be available on the website.

Statewide STEM Contacts

These contacts should have links to email and school or district websites and well as a short description of the contact's role and responsibilities associated with STEM.

Statewide STEM Initiatives and Programs

This catalog should also provide hyperlinks to contacts and associated websites. A short description should also be provided in a format starting with "parents seeking programs that ..." or "schools looking for successful initiatives that ..." or "businesses that want to contribute..." or "volunteers with STEM background who ..."

STEM Assessment Rubric

Advertised as a "self-evaluative tool", the web-based version of the rubric should be an easy to use and easy to understand resource. In-page links may help educators jump to parts of the rubric that evaluate specific needs.

STEM Parent Brochure

These brochures should be displayable on the web AND a hyperlink should be provided to a downloadable and printable pdf.

Considering that the website is now live (<http://delawarestem.org/>), it is imperative that these four components be added to help the site become the STEM resource Delaware needs. **If you could supply the needed information on a Word document in a layout that sketches out how it should look on the web**, we can get it to our web service provider.

Thank you,
Jud